

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025


General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

X 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification			
All respondents must complete this section.			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name City of Galt		County Sacramento County	
Authorized Signature 		Title City Manager	
Type/Print Name of Person Signing Jennifer Cannell		Date 1-15-04	Phone () 2
Person Completing This Form (please print or type) Jim Greco		Title City Manager	
Affiliation:	California Waste Associates		
Mailing Address P. O. Box 5177		City El Dorado Hills	State CA
E-mail address igwaste@aol.com		ZIP Code 95762	

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved base-year:

1998

2. Proposed new generation-based study year:

2001

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The City has contacted many waste generators & obtained information re diversion programs, including weighed tonnage. The proposed new base year reflects the most complete effort to date to define diversion activities and quantify their results. The City feels the accuracy of the diversion study is comparable to studies conducted for jurisdictions in the Sacramento area, which have recently conducted diversion surveys & waste gen studies. The City feels that the adjustment methodology has not adequately estimated the increasing waste generation in reporting years. This is confirmed by the low waste gen per capita rates in reporting years with the current 1998 base year.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 39 %	Diversion rate calculated using new generation-based study	b. 60.0 %
For existing base year pounds/person/day based on generation	5.2	For new generation based study pounds/person/day based on generation	7.9
Residential generation 44%	Non-Residential Generation 56%	Residential generation 35%	Non-Residential Generation 65%
Population existing generation-based study 17,300		Population new generation-based study 20,259	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City has benefitted by program expansion efforts implemented by its franchise collector, California Waste Recovery Systems (CWRS). Additionally, CWRS has been willing to promote recycling in areas of the nonresidential sector (e.g., multi-family housing, commercial enterprises) which were not prioritized in the past. The per capita rate in prior years did not fully reflect the total generated waste stream. Statewide, the per capita waste generation rate is approximately 8-9 pounds per person per day. The City's rate of 5.2 ppd, in light of population and economic growth, was not representative of the increasing waste generation for the City.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Because this study is the first extensive effort to establish a base year waste generation level and diversion rate, prior data is not as accurate. There was never a pressing need to record ongoing diversion performance except for the residential curbside recyclables collection program. The City has built upon these programs and surveyed many nonresidential waste generators. Extensive diversion information was obtained which now enables the City to better quantify diversion and support programs. As a result, the City has discovered far more diversion activities in the construction and other sectors that were ongoing but not recorded nor quantified.

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7. Disposal Tonnage: (enter values)	5,325	6379	11704
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc>)

☒ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed non-Residential waste audit information in Section 9.

Diversion Activity	Location	Record Type	Weight (tons)	Value (\$)	Notes
Please use this form to report all diversion activities. The program will calculate the diversion percentage and provide a summary report. http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc					
Residential Activities:					
Source Reduction					
Enter program name					
Other Residential source reduction (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Source Reduction	0	0.00%			
Recycling					

Curbside Recycling (PARIS 2000)	1,266.00	4.32%	Mixed paper, news, CB, and other recyclable materials (Al, plastic, glass, metal cans)	California Waste Recovery Systems (CWRS), City's collector, weight records.	CWRS
Buyback Center (PARIS 2020)	338.00	1.15%	CRV containers	Source: DOC	Letter, report (City)
Other Residential recycling (list each program separately)					
Special/Xmas Trees (PARIS 2070)	0.00	0.00%	Christmas Trees	CWRS (included w/ PARIS 3000)	CWRS
White Goods (PARIS 4030)	11.00	0.04%	White goods	CWRS weight records	CWRS
Enter program name					
Enter program name					
Subtotal Residential Recycling	1,615.00	5.52%			
Composting					
Curbside CWM (PARIS 3000)	3,149.00	10.76%	Yard Waste	CWRS truck weight tickets	CWRS
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	3,149.00	10.76%			
Subtotal Residential Diversion	4,764.00	16.27%			
Non-Residential Activities:					
Source Reduction					
Non-Residential Source Reduction					
Other non-Residential source reduction (list each program separately)					
Grasscycling (PARIS 1000)	797.00	2.73%	Grass clippings	0.1466 tons/week, 852.61 mowable acres. Source: CIWMB, Z. Poulson	Survey forms, supporting records (City).
Business SR (PARIS 1020)	500.00	1.71%	Inplant reuse of steel scrap	Manufacture E records	Phonecon notes
Business SR (PARIS 1020)	123.00	0.42%	Donated produce	Grocer B	City

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Enter program name					
Subtotal Non-Residential Source Reduction	1,420.00	4.85%			
Recycling					
Non-Residential Waste Audits*					
Other non-Residential recycling (list each program separately)					
Commercial Onsite P/U (PARIS 2030)	1,760.00	6.01%	Cardboard, mixed paper, inerts	Commercial collector acct records	City
Commercial Selfhaul (PARIS 2040)	2,750.00	9.39%	Cardboard, mixed paper	Source: Businesses	Survey forms, supporting records (City).
ADC (PARIS 7040)	271.00	0.93%	Green waste	CIWMB DRS	CIWMB
Subtotal Non-Residential Recycling	4,781.00	16.33%			
Composting					
Non-Residential Waste Audits*					
Other non-Residential composting (list each program separately)					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	0	0.00%			
Subtotal Non-Residential Diversion	6,201.00	21.18%			
Residential/Non-Residential Diversion Activities					
Tire Recycling (PARIS 4020)	74.00	0.25%	Tires	100 tires @ 20 lbs/tire	City, CWRS
White Goods (PARIS 4030)	4.00	0.01%	White goods, appliances	Kiefer LF weights	City, County
Scrap Metal (PARIS 4040)	19.00	0.06%	Scrap metals	CWRS customer base	CWRS

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Wood	298.00		Wood	CWRS customer base	CWRS
Broken asphalt and concrete	6,045.00		Broken asphalt and concrete	Survey forms, letters from aggregate processors	
Bone, fat, grease, vegetable	167.00		Bone, fat, grease, vegetable	Source: Grocers, renderer	Businesses, City Sac County data
Subtotal Residential/Non-Residential diversion	6,607.00	22.57%			
Total Diversion Tons					
Total Disposal Tons from Sec. 7	11,704.00	39.98%			
Total Generation Tons (Div+Dis)	29,276.00				

City of Galt New 2001 Base Year Request

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number *	Specific/Major Diversion Activities include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation In Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
✓ Manufacturer C	16	Glass manufacturer (glass recycling)		2195.00		2195.00	7.5%	P, M
✓ Manufacturer B	15	Concrete masonry, landscaping mfr		1855.00		1855.00	6.3%	P, M
✓ City Parks & Rec Dept	3	Grasscycling at city parks	610.00			610.00	2.1%	P, M
✓ Manufacturer E	18	Steel container manufacturer (scraps)	500.00	16.00		516.00	1.8%	P
✓ Grocer B	12	Produce donations; cardboard recycling	123.00	288.00		411.00	1.4%	P, M
Publisher	23	Printing business		212.00		212.00	0.7%	P, M
Galt Joint Unified SD	10	Grasscycling at school grounds	103.00			103.00	0.4%	P, M
Galt High School	9	Grasscycling at high school grounds	84.00			84.00	0.3%	P, M
✓ Construction Mtls Co	5	Mfr of construction materials		66.00		66.00	0.2%	P, M
✓ Grocer A	11	Cardboard recycling		37.00		37.00	0.1%	P, M
✗ Financial Institution	7	Paper shredding recycling, reuse		7.00		7.00	0.0%	P, M
Totals			1420.00	4676.00		6096.00	20.8%	

* Please see Table 3-5, Section 6.0, and associated appendices in the report titled "City of Galt Waste Generation Study for 2001" dated December 31, 2003.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Scrap Metals	CWRS collection from customer base	1994-95	19
White Gds	CWRS collection from customer base: annual cleanup event	1994-95	15
Inerts	Aggregate Processor	1999	3370
Inerts	Glass Manufacturer	1998	1855

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program. Instead please provide date of Board approval of previously submitted information.

5/23/95 (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]).
- The jurisdiction is implementing, and will continue to implement the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				

Attachment 10b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

The City's collector (CWRS) indicated that some inerts were likely diverted prior to 1990. CWRS stated that the diversion began around 1985.

The diversion was encouraged by the City through the franchise agreement.

The SRRE, approved by the CIWMB on 5/23/95, was reviewed.

The Waste Generation Study in the SRRE indicated that 496 tons of inert materials were landfilled and 186 tons were diverted in 1990.

However, in the Special Waste section there was no identification or description of inerts diversion programs. This may explain why CIWMB staff deducted 186 tons of inerts diversion in the agenda item for the 5/23/95 Board meeting prior to approval of the SRRE.

Consequently, there is no documented inerts diversion in the original 1990 base year.

According to the restricted waste criteria, the City is providing the information requested in **Attachment 10d.**

- * **Restricted Waste type:** Inerts (concrete and dirt)
- * **Specific Program Name:** Inerts Diversion (PARIS 4060) conducted by CWRS through collection from its nonresidential customer base and delivered to a processing facility (e.g., L&D Landfill).
- * **New Base Year Tonnage:** 820 tons
- * **1990 Diversion Tonnage:** 0 tons
- * **Difference:** 820 tons

The City continues to encourage this diversion activity and also is implementing the programs selected in its SRRE.